

1200°C Controlled Atmosphere Furnace Nitrogen Inert Atmosphere Furnace

Item Number: KT-12A



Introduction

Discover our KT-12A Pro Controlled atmosphere furnace - high precision, heavy duty vacuum chamber, versatile smart touch screen controller, and excellent temperature uniformity up to 1200C. Ideal for both laboratory and industrial application.

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Furnace model	KT-12A
Max. temperature	1200°C
Constant work temperature	1100°C
Vacuum pressure	0.1Mpa
Vacuum valve	Needle valve
Furnace tube material	High purity quartz
Chamber material	Japan alumina fiber
Heating element	Cr2Al2Mo2 wire coil
Heating rate	0-30°C/min
Temperature sensor	Build in K type thermal couple
Temperature controller	Digital PID controller/Touch screen PID controller
Temperature control accuracy	±1°C
Temperature uniformity	±5°C
Electric power supply	AC110-220V,50/60HZ

Standard Chamber Sizes Stocks			
Chamber size (mm)	Effective volume (L)	Chamber size (mm)	Effective volume (L)
100x100x100	1	300x300x400	36
150x150x150	3.4	400x400x400	64
150x150x200	4.5	500x500x500	125
200x200x200	8	600x600x600	216
200x200x300	12	800x800x800	512

Customer design sizes and volume is accepted

No.	Description	Quantity
1	Furnace	1
2	Thermal block	1

3	Crucible tong	1
4	Heat resistant glove	1
5	Operation manual	1